Title: ELECTRICALLY CONDUCTIVE COMPOSITIONS AND METHOD OF MANUFACTURE THEREOF Atty Docket No. 131939-2

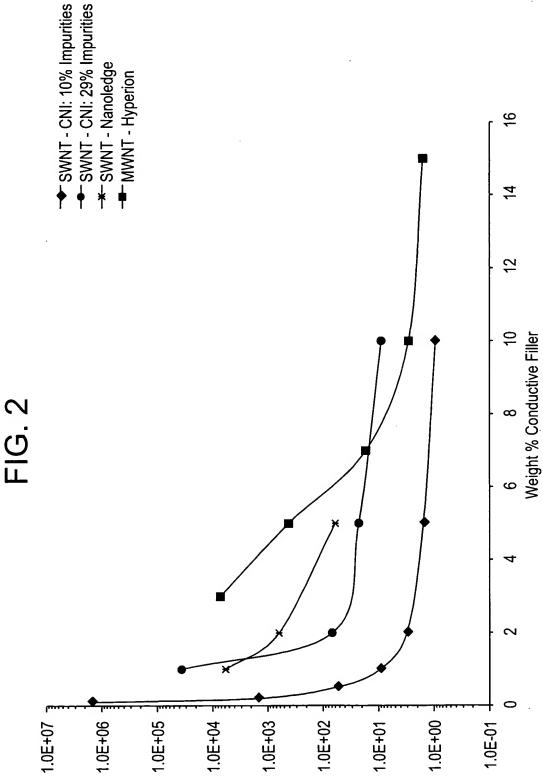


1/6

Atty Docket No. 131939-2



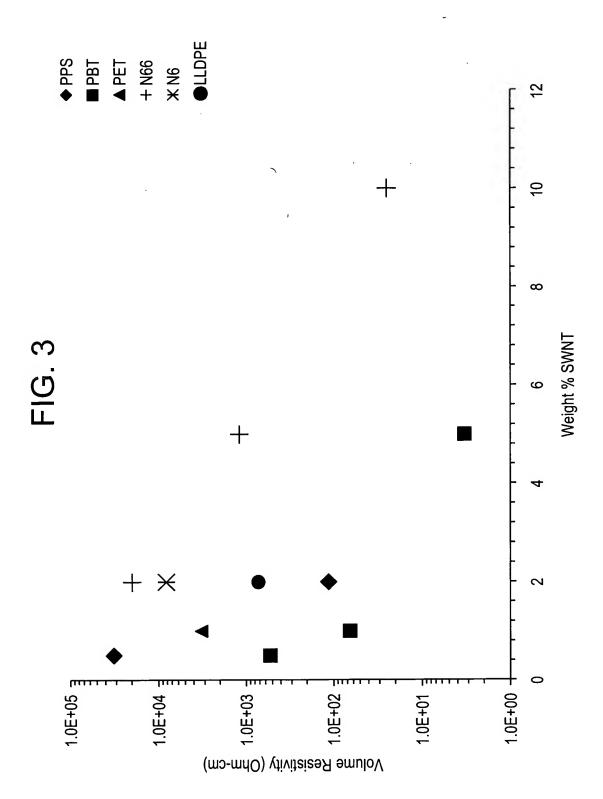




Volume Resistivity (Ohm-cm)

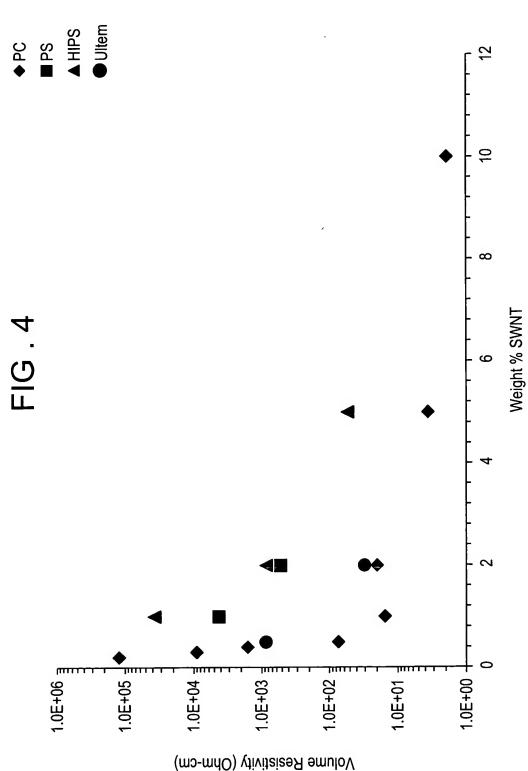


3/6





4/6



Atty Docket No. 131939-2



BEST AVAILABLE CUPY

5/6

FIG. 5

(b) Solution blended 0.3 Wt % of SWNT

(3% grade)in PC

No conductivity

No. of intersection points: 18 No. of intersection points: 2

(c) Solution blended (a) Melt Blended – 1wt% of SWNT (10% grade) in PC

Low conductivity

(d) 1wt% SWNT in

in-situ polymerized PC

conductive

No. of intersection points: 30 No. of intersection points: 50

1wt% of SWNT (10% grade) in PC

conductive

Title: ELECTRICALLY CONDUCTIVE COMPOSITIONS AND METHOD OF MANUFACTURE THEREOF Atty Docket No. 131939-2





